

San Diego County Traffic Advisory Committee



Committee Secretary
5510 Overland Avenue #410, Room 470, M.S. 0-334
San Diego, California 92123-1239
(858) 694-3845

Represented Agencies

Automobile Club of Southern
California
California Department of
Transportation
California Highway Patrol
Independent Insurance Agents
& Brokers of San Diego
San Diego County Bicycle Coalition
San Diego County Department of
Public Works
San Diego County Office of Education
San Diego County Pacific Safety
Council
San Diego County
Sheriff's Department

February 28, 2014

TO: Community Planning / Sponsor / Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the tentative agenda for the March 14, 2014 meeting of the Traffic Advisory Committee (TAC). The meeting will begin at 9:00 AM in the **Department of the Public Works, Second Floor Room 271, 5510 Overland Avenue in San Diego.**

If there is an item on this agenda that your community planning/sponsor group would like to submit a formal recommendation to the Board of Supervisors on and need additional time to review it, please contact Maria Rubio-Lopez at (858) 694-3845 by noon on Wednesday, March 5, 2014 to request the item be continued. Normally, a continued item will be placed on the agenda of the next TAC meeting. TAC items are usually generated by citizens/residents in the immediate vicinity. In an effort to respond to them in a timely manner, we request a formal recommendation be submitted within a two-month period from the continuance date. TAC staff is available to provide background information on any item that is continued by your group and to answer any questions you may have. We look forward to receiving your group's input.

If your community planning/sponsor group continues an item, it is important that we receive a written reply stating what action your group formally recommends to the Board of Supervisors. Your group's formal recommendation will then be included as part of the Chief Administrative Officer's report to the Board of Supervisors regarding the TAC recommendations. After reviewing both the TAC and the community planning/sponsor group's recommendation, the Board will make the final decision as to what action will be taken.



Chairpersons

-2-

February 28, 2014

If you have any questions or need additional information regarding this procedure, please contact me at (858) 694-3843.

Very truly yours,



Kenton R. Jones, Secretary
San Diego County Traffic Advisory Committee

KRJ:mrl

Attachment

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

March 14, 2014

AGENDA

- I. Call to Order / Roll Call**
- II. Pledge of Allegiance**
- III. Approval of Minutes from December 13, 2013 and January 24, 2014**
- IV. Items for Review**

SUBJECT	LOCATION	AREA	PLANNING/ SPONSOR GROUP
<u>SUPERVISORIAL DISTRICT 2</u>			
A1. MID-BLOCK CROSSWALK	MARLINDA WAY	EL CAJON	LAKESIDE
A2. PASSENGER LOADING ZONE	MARLINDA WAY	EL CAJON	LAKESIDE
B. RADAR RECERTIFICATION	VISTA GRANDE ROAD	EL CAJON	VALLE DE ORO
<u>SUPERVISORIAL DISTRICT 5</u>			
A. SPEED LIMIT	KAUANA LOA DRIVE	ESCONDIDO	SAN DIEGUITO
B. RADAR RECERTIFICATION	PARADISE MTN RD	VALLEY CENTER	VALLEY CENTER

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 14, 2014

Item 2-A

SUPERVISORIAL DISTRICT: 2

SUBJECT:

1. Existing Mid-Block Crosswalk
2. Existing Passenger Loading Zone

LOCATION:

1. Marlinda Way, at a point 750 feet north of Pepper Drive,
2. Marlinda Way, east side, from a point 750 feet north of Pepper Drive southerly 120 feet,

EL CAJON (Thos. Bros. 1251-G1) Lakeside Community Planning Group

INITIATED BY: DPW Traffic Engineering

REQUEST:

1. Relocate an Existing Mid-Block Crosswalk
2. Relocate an Existing Passenger Loading Zone

PROBLEM AS STATED BY REQUESTER:

At a recent field meeting between representatives from the Santee Union School District, Pepper Drive School, California Highway Patrol (CHP) and Department of Public Works (DPW) staff, it was agreed the present location of the mid-block crosswalk, at a point 900 feet north of Pepper Drive, was no longer appropriate. Pepper Drive School is undergoing a remodeling project and an elevated pedestrian ramp, along the school's frontage, was recently installed. The ramp's access is located approximately 40 feet south of the existing mid-block crosswalk. Relocation of the mid-block crosswalk and associated passenger loading zone was deemed appropriate for enhanced connectivity between the elevated ramp, passenger loading zone and proposed mid-block crosswalk location with new ADA compliant curb ramps. It is believed these measures will channelize school-associated pedestrians to a focused area and further facilitate the School Safety Patrol Operation.

Existing Traffic Devices

Marlinda Way is a striped two lane cul-de-sac roadway (1,400 feet in length) that measures approximately 30 feet wide. The appropriate school advanced notification signs and pavement legends are in place. The road is posted 25 MPH. This roadway is unclassified on the County General Plan Mobility Element Network.

<u>Average Daily Traffic Volumes</u>	<u>2/14</u>	<u>11/92</u>
Marlinda Way: N/o Pepper Drive	1,790*	1,720*

* Two-Way Count

Pedestrian Study

The existing mid-block crosswalk has been in place since 1968 and currently services 30 school-associated pedestrians during morning arrival and 45 pedestrians during afternoon dismissal. The California Highway Patrol-El Cajon Command oversees the School Safety Patrol Operation.

Collision Data

There have been no reported collisions involving pedestrians in the vicinity of Pepper Drive School in the last four year, ten month period (01-01-09 to 10-31-13).

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 14, 2014 **Item 2-B**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Vista Grande Road from the north line of Hillsdale Road northerly to the south line of Dehesa Road (2.03 miles)
El CAJON (Thos. Bros. 1272-C3) Valle de Oro Community Planning Group

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification of the Existing 40 MPH Speed Limit

PROBLEM AS STATED BY REQUESTER:

Vista Grande Road is posted 40 MPH and is radar enforced. Preliminary review of prevailing speeds and roadway conditions support radar recertification for the existing 40 MPH speed limit.

Existing Traffic Devices

Vista Grande Road is a striped two lane Through Highway that varies from 34 to 66 feet wide. There is intermittent edge-striping on one or both sides of the road. There is an all-way stop control at the intersection with Santa Lomas. The road is posted 40 MPH/Radar Enforced. This roadway is classified as a Light Collector on the County General Plan Mobility Element Network.

<u>Average Daily Traffic Volumes</u>	<u>2/14</u>	<u>10/13</u>	<u>12/08</u>	<u>2002</u>
Vista Grande Road:				
S/o Dehesa Road	4,310*			3,600*
@ Juliana Street		3,700*		
@ Santa Lomas			2,790*	3,600*
N/o Hillsdale Road				5,580*

* Two-Way Count

<u>Spot Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Vista Grande Road:			
100' N/o Calle Cantora	(2014) 46.0 MPH (2006) 47.0 MPH	37-46 38-47	76.0% 68.8%
600' S/o Tina Street	(2014) 47.0 MPH (2006) 44.8 MPH	39-48 37-46	71.0% 70.9%

Collision Data

There have been 14 reported collisions along this segment of roadway in the last four year, ten month period (01-01-09 to 10-31-13).

Spot Speed Study

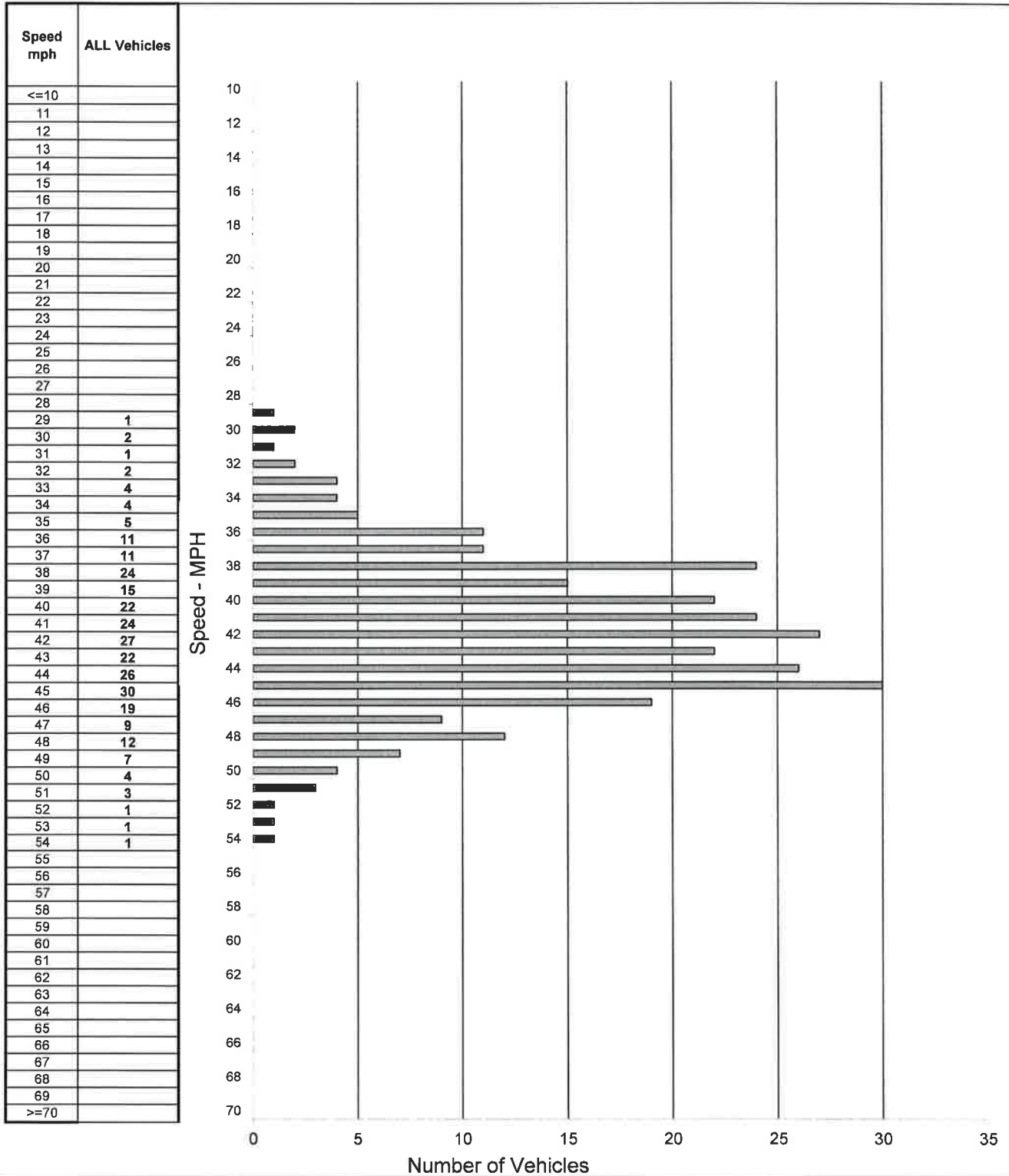
Prepared by: National Data & Surveying Services

City of El Cajon

DATE: 1/17/2014
TIME: 11:10-13:10

Location: Vista Grande Rd 100' n/o Calle Cantora
Posted Speed: 40 MPH Clear/Dry Project #: 14-4007-002

Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	288	29 - 54	42 mph	46 mph	37 - 46	220	76%	10% / 30	14% / 38

Spot Speed Study

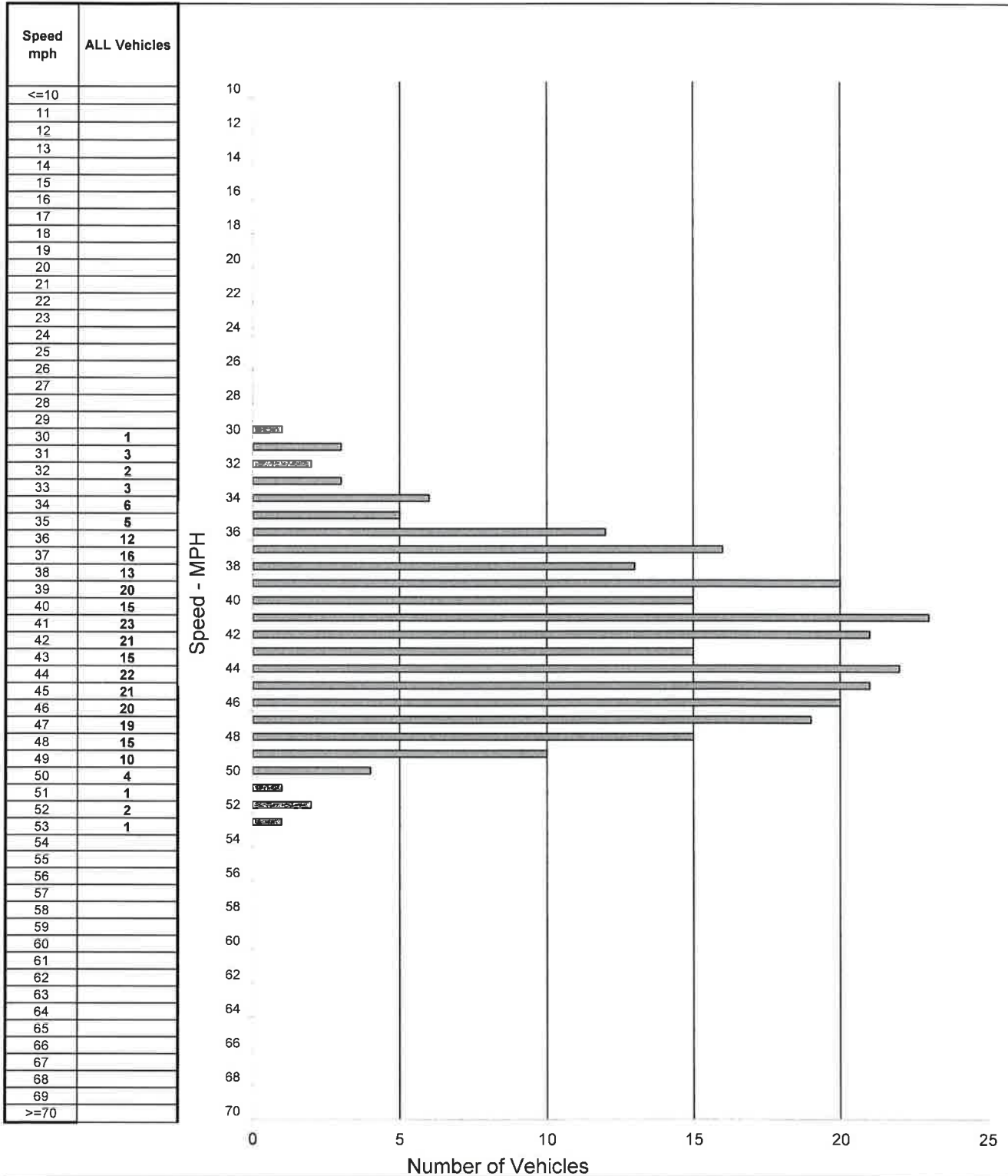
Prepared by: National Data & Surveying Services

City of El Cajon

DATE: 1/17/2014
TIME: 09:00-11:00

Location: Vista Grande Rd 600' s/o Tina St
Posted Speed: 40 MPH Clear/Dry Project #: 14-4007-001

Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	270	30 - 53	42 mph	47 mph	39 - 48	191	71%	22% / 61	7% / 18

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 14, 2014 **Item 5-A**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Speed Limit

LOCATION: Kauana Loa Drive from the east line of Country Club Drive easterly to the Escondido City Limit (Oak View Way) (a distance of 0.21 miles), ESCONDIDO (Thos. Bros. 1129-D4)

INITIATED BY: DPW Traffic Engineering

REQUEST: Review for Establishment of a Formal Speed Limit

PROBLEM AS STATED BY REQUESTER:

Kauana Loa Drive is presently an unposted roadway that meanders through the City of Escondido and the County. Recently, the Escondido City Council approved establishment of a 40 MPH speed limit on its 0.4 mile segment. The results of a recent speed survey on the County-maintained segment also supports a 40 MPH speed limit posting. Due to ongoing speed-related concerns from local residents, we respectfully request the county-maintained portion of Kauana Loa Drive be reviewed for establishment of a 40 MPH formal speed limit posting.

Existing Traffic Devices

Kauana Loa Drive is a striped two-lane roadway that measures between 25 feet and 30 feet wide. There is edge-striping along both sides of the roadway. The roadway is unclassified on the County General Plan Mobility Element Network. The road is unposted. (NOTE: Kauana Loa Drive is posted 40 MPH in the City of Escondido).

<u>Average Daily Traffic Volumes</u>	<u>02/14</u>	<u>4/02</u>	<u>01/88</u>
Kauana Loa Drive: E/o County Club Drive	1,900*	1,490*	750*

*Two-way count

<u>Spot Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Kauana Loa Drive: 100' W/o Oak View Drive	(2013) 40.0 MPH	32-41	72.0%

Collision Data

There has been one reported non-injury collision along this segment of roadway in the last four year, ten month period (01-01-09 to 10-31-13). It involved a westbound motorist who fell asleep, veered off the road and struck a power pole.

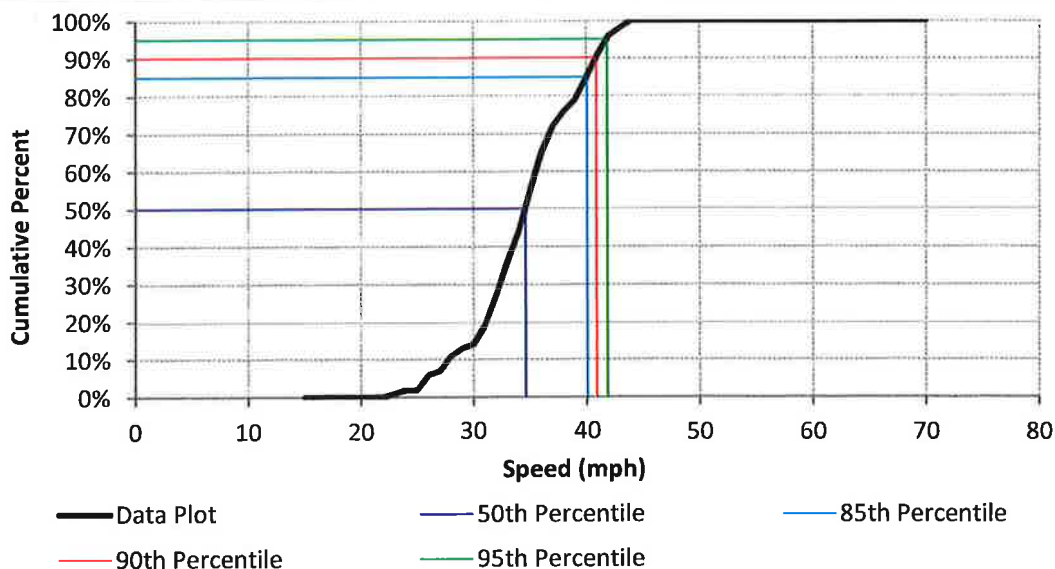
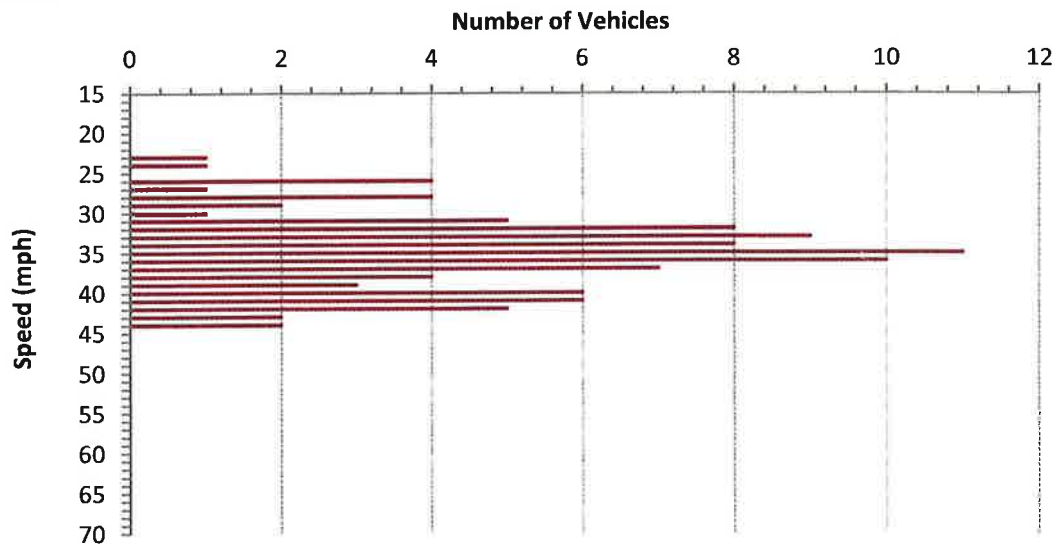


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Kauana Loa Drive	From:	0	To:	west of Oak View Drive
Position:	0	Direction:	EB/WB		
Date:	10/30/2013	Weather:	CLEAR/SUNNY	Project Number:	SR 1308-17
Time Start:	1:05 PM	Road Condition:	DRY	Observer:	Gustavo E/Carl H
Time End:	1:55 PM	Posted Speed:	0	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23	1	1.0%
24	1	2.0%
25		
26	4	6.0%
27	1	7.0%
28	4	11.0%
29	2	13.0%
30	1	14.0%
31	5	19.0%
32	8	27.0%
33	9	36.0%
34	8	44.0%
35	11	55.0%
36	10	65.0%
37	7	72.0%
38	4	76.0%
39	3	79.0%
40	6	85.0%
41	6	91.0%
42	5	96.0%
43	2	98.0%
44	2	100.0%
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70		
Total	100	



DATA ANALYSIS

Average Speed	35.0	Range	23 - 44
50th Percentile	34.5	10 mph Pace	32 - 41
85th Percentile	40.0	Number in Pace	72
90th Percentile	40.8	Percent in Pace	72%
95th Percentile	41.8		

RESOLUTION NO. 2014-16

RECEIVED
CITY OF ESCONDIDO

FEB 18 2014

PUBLIC WORKS DEPT
ENGINEERING DIV.

A RESOLUTION OF THE CITY COUNCIL OF
THE CITY OF ESCONDIDO, CALIFORNIA,
TO AMEND THE TRAFFIC SCHEDULES FOR
SPEED ZONES AT FOUR LOCATIONS
CITYWIDE

WHEREAS, Section 28-5 (12) of the Escondido Municipal Code, City of Escondido, provides that the City Council shall establish a traffic schedule for speed zones; and

WHEREAS, the City Council desires at this time and deems it to be in the best public interest to amend said traffic schedule;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Escondido, California, as follows:

1. That the above recitations are true.
2. That the Traffic Schedule of Engineering and Traffic Surveys for Speed Zones be amended to reflect the addition of the following segment:

Street Name	Segment		Posted Limit (MPH)	85 th Percentile Speed	Speed Limit*
	From	To			
Kauana Loa Drive	Harmony Grove	City Limits	None	38	40

*To be posted per Traffic Engineer

3. That the Traffic Schedule for Speed Zones be amended to reflect an increased speed limit as follows:

Street Name	Segment		Posted Limit (MPH)	85 th Percentile Speed	Speed Limit*
	From	To			
El Norte Parkway	Ash Street	Lincoln Avenue	40	45	45

*To be posted per Traffic Engineer

4. That the Traffic Schedule for Speed Zones be amended to reflect a decreased speed limit as follows:

Street Name	Segment		Posted Limit (MPH)	85 th Percentile Speed	Speed Limit*
	From	To			
Felicita Avenue	City Limits (near I-15)	Montview Drive	45	41	40
Glenridge Road	Bear Valley Parkway	Citrus Avenue	35	28	30

*To be posted per Traffic Engineer

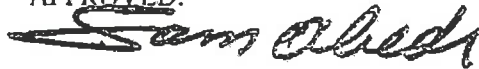
PASSED, ADOPTED AND APPROVED by the City Council of the City of Escondido at a regular meeting thereof this 12th day of February, 2014 by the following vote to wit:

AYES : Councilmembers: DIAZ, GALLO, MASSON, MORASCO, ABED

NOES : Councilmembers: NONE

ABSENT : Councilmembers: NONE

APPROVED:

A handwritten signature in black ink, appearing to read "Sam Abed", written over a horizontal line.

SAM ABED, Mayor of the
City of Escondido, California

ATTEST:

A handwritten signature in black ink, appearing to read "Diane Halverson", written in a cursive style.

DIANE HALVERSON, City Clerk of the
City of Escondido, California

RESOLUTION NO. 2014-16



CITY OF ESCONDIDO

TRAFFIC ENGINEERING DIVISION

SPEED ZONE EVALUATION

Location: Kauana Loa Drive (Harmony Grove Road to City Limits/Oak View Way)	Date: 12-12-12
Time: 1:42 - 2:43PM	Weather: Partly cloudy
Road Conditions: Dry	

ENGINEER'S FINDINGS

1. Prevailing Vehicular Speed Data	
Posted Speed(s): 30	School zone: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
85% Speed: 30 MPH	10MPH Pace: 30 MPH
50% Speed: 25 MPH	% in Pace: 5%

2. Accident Data	
Street Classification: Local Collector	Approximate ADT: 100 vehicles/day
Accident Rate: 0.00 accidents/mvm	For period: January 2010 through December 2012
City-wide for streets of similar characteristics: 0.00 accidents/mvm	

3. Traffic and Roadside Conditions	
Land Use: Single family residential. Undeveloped land.	
Geometrics:	Two lanes separated by a double yellow line. Unimproved roadway, except at intersection with Oak View Way, which is fully improved. One sharp and one gradual horizontal curve. Uphill grade for westbound travel begins 300 feet before Oak View Drive.
Other Features:	No on-street parking. Narrow lanes. Rural area. Horse traffic warning sign posted at mid-segment.
Unusual Conditions: None	
Density: <input checked="" type="checkbox"/> Single Family <input type="checkbox"/> Multiple Family	Presence of: <input type="checkbox"/> Bicycles <input checked="" type="checkbox"/> Pedestrians

4. Engineer's Recommendation	Posted Speed 30 MPH
Explanation: <p>This speed zone has been reevaluated in accordance with the following:</p> <ul style="list-style-type: none"> a. California Manual on Uniform Traffic Control Devices for Streets and Highways (Jan. 13, 2012 Edition), b. California Vehicle Code 2012 with respect to design and prevailing speeds, accident history, pedestrian activity, driveway spacing, and roadway, weather, and traffic conditions, c. And for stopping sight distance per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets 2011, 6th Edition. <p>➤ The combined eastbound and westbound 85th percentile of 30 mph would indicate posting a 30 mph speed limit.</p>	

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 14, 2014 **Item 5-B**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Paradise Mountain Road from the east line of North Lake Wohlford Road easterly to end of County-Maintenance (2.8 miles) VALLEY CENTER (Thos. Bros. 1091-C5) Valley Center Community Planning Group

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification of the Existing 45 MPH Speed Limit

PROBLEM AS STATED BY REQUESTER:

Paradise Mountain Road is posted 45 MPH and is radar enforced. Preliminary review of prevailing speeds and roadway conditions support radar recertification for the existing 45 MPH speed limit.

Existing Traffic Devices

Paradise Mountain Road is a striped two lane roadway that varies from 24 to 45 feet wide. There is edge-striping along both sides of the roadway. The road is posted 45 MPH/Radar Enforced. This roadway is classified as a Light Collector on the County General Plan Mobility Element Network.

<u>Average Daily Traffic Volumes</u>	<u>2/13</u>	<u>10/07</u>	<u>9/85</u>
Paradise Mountain Road:			
W/o Paradise Mountain Lane	2,250*	3,800*	
E/o North Lake Wohlford Road			1,460*

* Two-Way Count

<u>Spot Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Paradise Mountain Road:			
450' W/o Paradise Mountain Lane	(2014) 43.0 MPH (2007) 45.9 MPH	33-42 37-46	63.0% 64.3%

Collision Data

There have been 16 reported collisions along this segment of roadway in the last four year, ten month period (01-01-09 to 10-31-13).

Spot Speed Study

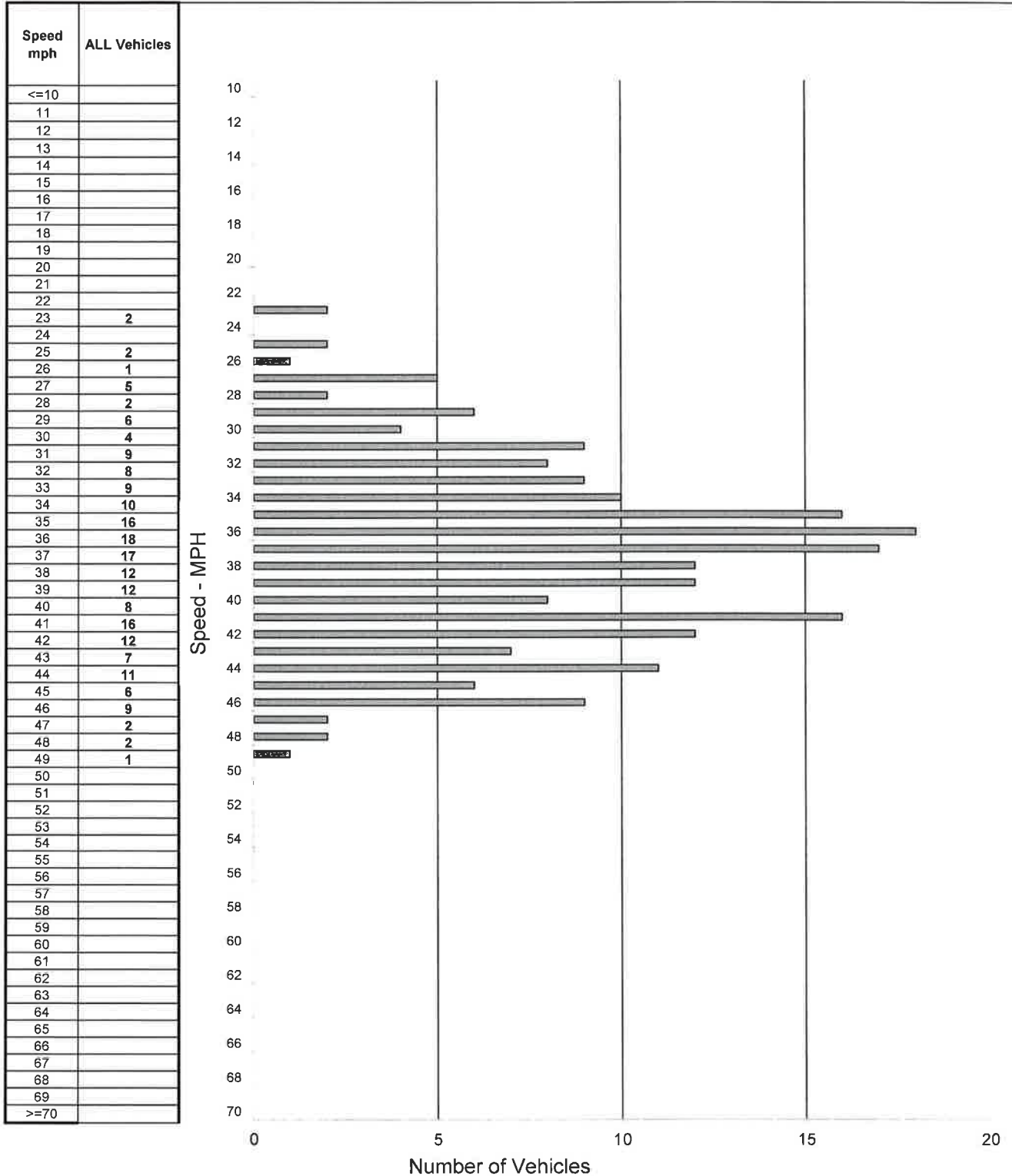
Prepared by: National Data & Surveying Services

City of Valley Center

DATE: 1/21/2014
TIME: 09:10-11:10

Location: Paradise Mountain Rd 450' w/o Paradise Mountain Ln
Posted Speed: 45 MPH Clear/Dry Project #: 14-4007-003

Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	207	23 - 49	37 mph	43 mph	33 - 42	130	63%	18% / 39	19% / 38

